

IN THE CLAIMS:

1. (Previously presented) A roller arrangement for booklet makers, comprising at least a first and a second pair of rotatable driven rollers, between which booklets are intended to pass successively for folding, the said first pair of rollers comprising two rollers that are arranged such that they can move towards and away from each other and have a spring loading towards each other, and where the second pair of rollers comprises two rollers with a mutual separation that can be adjusted, and mechanical means arranged for, following the insertion of a booklet between the rollers of the first pair of rollers to automatically adjust the mutual separation of the rollers of the second pair of rollers in response to separation between the rollers of the first pair of rollers produced by insertion of the booklet therebetween.

2. (Previously presented) The arrangement according to claim 1, wherein the rollers are mounted in bearings such that they can rotate between two end pieces arranged at a distance from each other and said mechanical means comprises one wedge element arranged at each end piece, such that the wedge elements can move into the space between the rollers of the first pair of rollers when these are separated by a distance caused by insertion of the booklet therebetween whereupon the wedge elements adjust the distance between the rollers of the second pair of rollers depending on the said distance between the rollers of the first pair.

3. (Previously presented) The arrangement according to claim 2, wherein the wedge elements include a wedge-shaped end section, intended to be inserted between the rollers of the first pair of rollers when these are separated by insertion of the booklet.

4. (Previously presented) The arrangement according to claim 2, characterised in that the

rollers of the second pair of rollers are placed under spring tension in a direction away from each other, whereby the said wedge elements are arranged to hold the rollers of the second pair of rollers, while overcoming the said spring tension, at a mutual separation that is determined by the said distance that the wedge element has been displaced as a response to the size of the separation of the rollers of the first pair of rollers.

5. (original) The arrangement according to claim 4, characterised in that the wedge elements are arranged to be pressed by the spring force that influences the rollers of the second pair of rollers with their end section in between the rollers of the first pair of rollers, when these are separated.

6. (previously presented) The arrangement according to claim 4, characterised in that the rollers of the first pair of rollers are placed under an initial tension relative to each other with a force that is significantly greater than the spring force with which the rollers of the second pair of rollers are placed under tension relative to each other.

7. (original) The arrangement according to claim 6, characterised in that the spring force that influences the rollers of the first pair of rollers is of the order of magnitude of 100 times greater than the spring force that influences the rollers of the second pair of rollers.

8. (previously presented) The arrangement according to claim 1, characterised in that the contact surfaces of the rollers with paper are of a material that has low friction relative to paper.

9. (original) The arrangement according to claim 8, characterised in that the contact surfaces of the rollers against paper are of steel.

10. (Cancelled)

11. (Currently amended) The arrangement according to claim 13 ~~10~~, characterised in that ~~the said rings are~~ is a rotationally rolled rings of spring steel.

12. (Currently amended) The arrangement according to claim 15 ~~10~~, characterised in that the ring of flexible material ~~track~~ is ~~covered by~~ a smooth, elastic plastic material.

13. (Previously presented) The arrangement according to claim 1, characterised in that at least one of the rollers of the first pair of rollers is constructed with raised rings around its circumference, with which the booklet that is to be folded is intended to make contact.

14. (Previously presented) The arrangement according to claim 1, characterised in that a knife is arranged to insert the booklet that is to be folded between the rollers of the first pair of rollers during the separation of the rollers.

15. (Previously presented) The roller arrangement according to claim 1, wherein at least one of the rollers of the second pair of rollers is constructed with at least one track around its circumference at a location of which staple clamps are intended to pass during the folding, said track being covered by a ring of flexible material.

16. (Previously presented) The arrangement according to claim 1, wherein said mechanical means comprises a member having one end interposed between the rollers of the first pair and a second end bearing against one of the rollers of the second pair, said member being supported for movement relative to the rollers of the first and second pairs so that when the booklet enters between the rollers of the first pair, said member moves in response thereto and said one roller of the second pair moves in correspondence therewith to achieve automatic separation of the rollers of the second pair of rollers.

17. (Previously presented) The arrangement according to claim 16, wherein said second end of said member is in bearing contact with said one roller of said second pair.

18. (Previously presented) The arrangement according to claim 16, wherein said first and second pairs of rollers are arranged in succession and said member extends between said rollers of the first and second pairs and is movable therebetween.

19. (Previously presented) The arrangement according to claim 18, wherein said first end of said member is wedge-shaped to fit between the rollers of the first pair and said second end of said member bears against said one roller of said second pair at a periphery thereof.